

Converting Colors

Hex(95DAFF)

Have a look what the booklet for
Hex(95DAFF) contains.

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Color

Hex(95DAFF)

Conversions

Conversions Part 1

Format	Color
Hex	95DAFF
RGB	149, 218, 255
RGB Percent	58%, 85%, 100%
CMY	0.4157, 0.1451, 0.0000
CMYK	0.42, 0.15, 0.00, 0.00
HSL	201°, 100%, 79%
HSV	201°, 42%, 100%
XYZ	55.5158, 63.7524, 103.9872
YIQ	201.5870, -53.0010, -3.1210

Conversions

Conversions Part 2

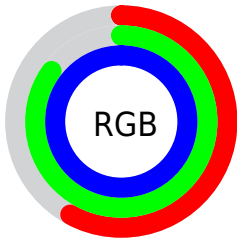
Format	Color
RYB	149, 191, 255
Decimal	9820927
CIELab	83.84, -12.38, -24.82
CIELCh	84, 27.738, 243.502
Yxy	63.7524, 0.2487, 0.2856
Android (android.graphics.Color)	4288011007 (0xFF95DAFF)
YUV	201.5870, 26.3326, -46.1188
Hunter-Lab	79.8451, -15.6189, -21.3255

Details

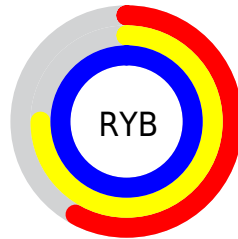
The Hex color **95DAFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFBA95**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CFFFFFF**, and **5CA3C6** is the 20% darker color. If you saturate the color by 10%, you get **7CD1FF**, and if you desaturate by 10%, it is **AFE3FF**.

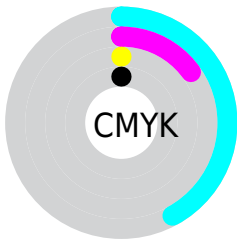
Distribution



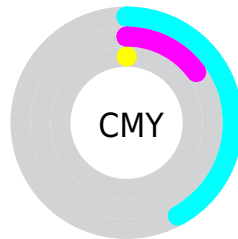
- Red (58%)
- Green (85%)
- Blue (100%)



- Red (58%)
- Yellow (75%)
- Blue (100%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95DAFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 95DAFF by changing the saturation by 10% instead.

 95DAFF

 95DAFF

FFFFFF

 79BEE2

 CFFFFFF

 5CA3C6

 ECFFFF

 3F89AB

 1C6F90

 005776

 00405E

 002A46

 00162F

 00011A

 95DAFF

 95DAFF

 7CD1FF

 AFE3FF

 62C8FF

 C8ECFF

 49BFFF

 E2F5FF

 2FB6FF

 FBF EFF

 16ADFF

FFFFFF

 00A6FF

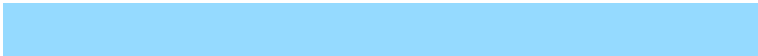
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86DFED



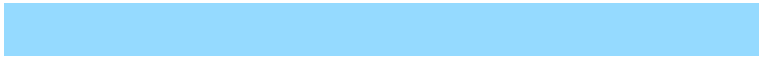
95DAFF



B6D2FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95DAFF



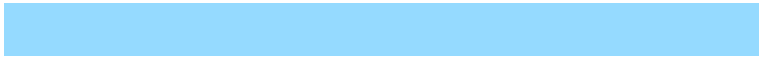
FFBECF



C5D8A5

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95DAFF



FFBA95

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1D09D



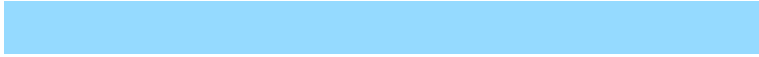
95DAFF



FFC1B5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95DAFF



F5C2E9



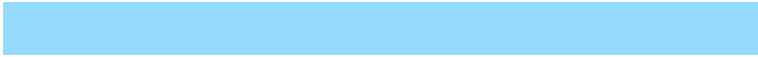
F8C8A3



A7DEB9

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95DAFF



CECCFF



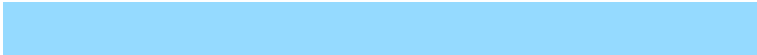
F8C8A3



CFD6A1

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95DAFF



E0F4FF



95FFB8



6E7980



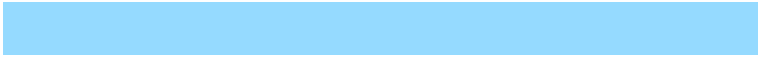
000000



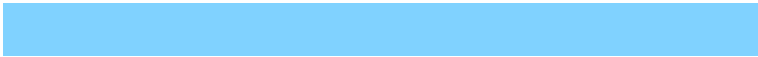
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95DAFF



80D2FF



95A7FF



737B80



007CBF



002940

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF95DA



FF80D2



FFED95



80737B



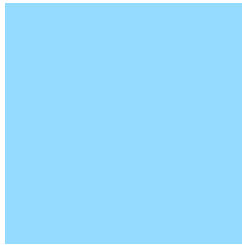
BF007C



400029

Previews

White Background



This preview shows how the Hex color 95DAFF looks on a white background.

Color Contrast Check

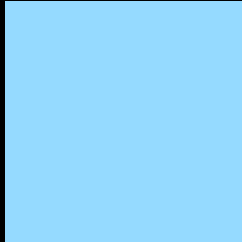
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 95DAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

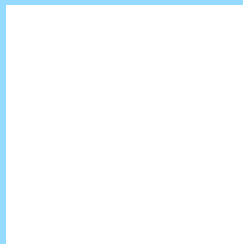
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 95DAFF Background



This preview shows how black text looks on a background with the Hex color 95DAFF.

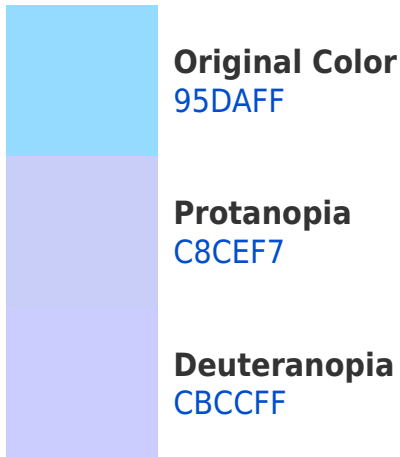


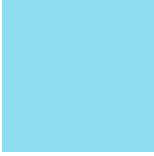
This preview shows how white text looks on a background with the Hex color 95DAFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

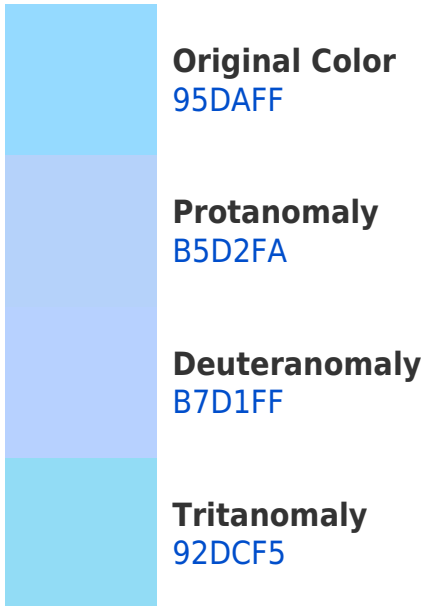
Dichromacy



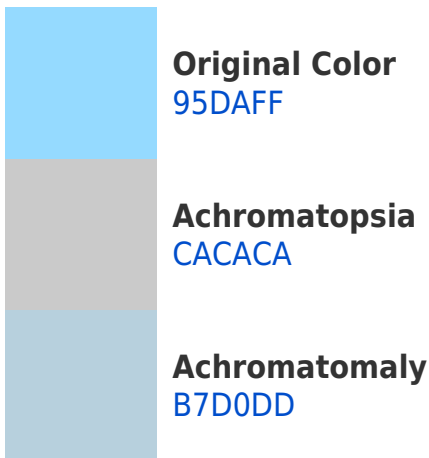


Tritanopia
90DDEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95DAFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #95DAFF looks like.

```
.text, #text, p{  
    color:#95DAFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #95DAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95DAFF
}
```

Border

The CSS property to change the border of an element to Hex 95DAFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#95DAFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#95DAFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #95DAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95DAFF; -webkit-box-shadow:4px 4px  
4px 4px #95DAFF; box-shadow:4px 4px 4px  
4px #95DAFF }
```

Background

The CSS property to change the background color of an element to Hex 95DAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95DAFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#95DAFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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